AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application:

1   1.   (Currently Amended) A system capable of communicating with plural
2   devices on one or more networks, comprising:
3   a storage module to store address and port translation information; and
4   a controller adapted to:
5   receive a data unit from a first network, the data unit having a
6   source address, a source port, a destination address, and a destination port,
7   ~~the controller adapted to further~~ translate both the source address
8   and the destination address of the data unit and both the source port and destination port
9   of the data unit based on the address and port translation information,
10   <u>partially create the address and port translation information in</u>
11   <u>response to a request corresponding to a first Session Initiation Protocol (SIP) message to</u>
12   <u>set up a communications session between a first device and a second device; and</u>
13   <u>complete the address and port translation information in response</u>
14   <u>to a second request corresponding to a SIP acknowledgment message responsive to the</u>
15   <u>first SIP message.</u>

1   2.   (Previously Presented) The system of claim 1, wherein the address and
2   port translation information contains a first address and port associated with a first device
3   and a second address and port associated with a second device, the address and port
4   translation information to map the first address and port to a first alias address and port
5   and to map the second address and port to a second alias address and port.

1   3.   (Previously Presented) The system of claim 1, wherein the controller is
2   adapted to further transmit the data unit containing the translated source address and
3   source port and destination address and destination port to the first network or another
4   network.

1   4.   (Cancelled)

1   5.   (Previously Presented) The system of claim 1, wherein the data unit

2 comprises an Internet Protocol (IP) header having a source IP address and a destination

3 IP address, and a User Datagram Protocol (UDP) header having a source UDP port and a

4 destination UDP port, and wherein the controller is adapted to translate both the source IP

5 address and destination IP address and both the source UDP port and destination UDP

6 port.

1   6.   (Original) The system of claim 1, wherein the data unit contains Real-

2 Time Protocol data.

1   7.   (Original) The system of claim 1, wherein the controller comprises a

2 media portal adapted to communicate data units containing media data between plural

3 devices, the system further comprising an agent adapted to perform call control signaling

4 to establish a call session in which the data units are communicated.

1   8.   (Previously Presented) The system of claim 7, wherein the agent is

2 adapted to communicate requests to the controller to dynamically create and update the

3 address and port translation information in a call session.

1   9.   (Original) The system of claim 1, wherein the data unit comprises a data

2 unit to be communicated between at least two devices in a call session.

1   10. – 11. (Cancelled)

1   12.   (Currently Amended) A method of communicating between two

2 endpoints, comprising:

3   in a communications portal, providing a first interface to a first device and

4 providing a second interface to a second device;

5   transporting data units, through the communications portal, between the.

6 first device and the second device;

7   the communications portal hiding an address of the first device from the

8 second device and hiding an address of the second device from the first device;

9   storing address translation information;

10   translating both a source address and a destination address of each data

11 unit;

12   ~~storing port translation information; and~~

13   ~~translating both a source port and a destination port of each data unit~~

14   <u>partially creating the address translation information in response to a first</u>

15 <u>Session Initiation Protocol (SIP) message to set up a communications session between the</u>

16 <u>first device and the second device; and</u>

17   <u>completing the address translation information in response to a SIP</u>

18 <u>acknowledgment message responsive to the first SIP message.</u>

1   13.   (Currently Amended) The method of claim [[12]] <u>30</u>, wherein translating

2 the source and destination addresses and ports comprises translating Internet Protocol

3 addresses and User Datagram Protocol ports.

1   14.   (Currently Amended) The method of claim 12, wherein storing the

2 address translation information ~~and port translation information~~ comprises storing a first

3 device address ~~and port~~ associated with the first device and a second device address ~~and~~

4 ~~port~~ associated with the second device, and storing a first alias address ~~and port~~ mapped

5 to the first device address ~~and port~~ and a second alias address ~~and port~~ mapped to the

6 second device address ~~and port~~.

1   15.   (Currently Amended) The method of claim 14, wherein providing the first

2   interface comprises providing the second alias address ~~and port~~ to represent the second

3   device to the first device, and providing the second interface comprises providing the first

4   alias address ~~and port~~ to represent the first device to the second device.

1   16.   (Currently Amended) An article comprising at least one storage medium

2   containing instructions that when executed cause a system to:

3   store address translation information;

4   receive a data unit containing a source address and a destination address;

5   translate both the source and destination addresses of the data unit based

6   on the address translation information;

7   partially create the address translation information in response to a ~~request~~

8   first request corresponding to a first Session Initiation Protocol (SIP) message to set up a

9   communications session between a first terminal and second terminal; and

10   complete the address translation information in response to [[an]] a second

11   request corresponding to a SIP acknowledgment message responsive to the ~~request~~ first

12   SIP message.

1   17.   (Original) The article of claim 16, wherein the instructions when executed

2   cause the system to further store the address translation information as an entry in an

3   address translation table having plural entries.

1   18.   (Original) The article of claim 17, wherein the instructions when executed

2   cause the system to use different entries of the address translation table for different

3   communications sessions.

1   19.   (Original) The article of claim 16, wherein the instructions when executed

2   cause the system to transmit the data unit with the translated source and destination

3   addresses.

1   20.   (Cancelled)

1   21.   (Original) The article of claim 16, wherein the instructions when executed

2 cause the system to further store port translation information, and to translate both the

3 source and destination port of the data unit based on the port translation information.

1   22.   (Original) The article of claim 16, wherein the instructions when executed

2 cause the system to receive the data unit comprising an Internet Protocol packet.

1   23.   (Previously Presented) The article of claim 16, wherein the instructions

2 when executed cause the system to further:

3   allocate an address for the communications session, the address being part

4 of the address translation information; and

5   deallocate the address in response to termination of the communications

6 session.

1   24.   (Previously Presented) The article of claim 23, wherein the instructions

2 when executed cause the system to further use the deallocated address for another

3 communications session as needed.

1   25.   (Currently Amended) The article of claim 16, wherein the ~~request to set~~

2 ~~up the communications session~~ first SIP message comprises a ~~Session Initiation Protocol~~

3 ~~(SIP)~~ SIP Invite message, and the SIP acknowledgment message comprises a SIP OK

4 message.

1   26.   (Cancelled)

1   27.   (Currently Amended) The system of claim [[26]] 1, wherein the ~~request to~~

2 ~~set up the communications session~~ first SIP message comprises a ~~Session Initiation~~

3 ~~Protocol (SIP)~~ SIP Invite message, and the SIP acknowledgment message comprises a

4 SIP OK message.

1   28.   (Cancelled)

1   29.   (Currently Amended) The method of claim [[12]] 30, wherein translating

2   the source address and destination address of each data unit and translating the source

3   port and destination port of each data unit is performed by the communications portal.

1   30.   (New) The method of claim 12, further comprising:

2   storing port translation information; and

3   translating both a source port and a destination port of each data unit.